

Example User Account Creation Event Occurrence Database Table

100 \	102	104	106	110	108	112
	<b>Username</b>	<b>Actual Name</b>	<b>Password</b>	<b>Phone Number</b>	<b>Date/Time</b>	<b>User ID</b>
101	rob23	Rob Smith	robby-boy	206-555-1234	08/15/XX 08:23 AM	023674
103	mamba-queen	Sally Jones	0mamba9	-	08/16/XX 09:15 PM	123973
105	test-user	Technician I	test	-	08/27/XX 09:31 AM	987232
	⋮					

Example User Account Deletion Event Occurrence Database Table

120 \	122	124	126	128
	<b>Username</b>	<b>Deleted User ID</b>	<b>User ID</b>	<b>Date/Time</b>
121	mamba-queen	123973	823982	08/26/XX 09:25 PM
123	test-user	987232	987232	08/27/XX 09:33 AM
	⋮			

Example User Login Event Occurrence Database Table

130 \	132	134
	<b>User ID</b>	<b>Date/Time</b>
131	023674	08/20/XX 06:23 PM
133	023674	08/20/XX 08:17 PM
	⋮	

**Figure 1**

Example User Event Type Definition Database Table

200	202	204	206	208	
	<b>Event Type Name</b>	<b>Event Type ID</b>	<b>Event Type Required Parameters</b>	<b>Event Type Optional Parameters</b>	
201	User Account Creation	68239873	Username, Actual Name, Password	Phone-Number	...
203	User Account Deletion	98723987	Username, Deleted User ID	-	
203	User Login	12398779	-	-	
	:				

Example User Event Occurrence Database Table

210	212	214	216	218	220	
	<b>Event Type ID</b>	<b>Performing User ID</b>	<b>Date/Time</b>	<b>Required Parameters</b>	<b>Optional Parameters</b>	
211	68239873	023674	08/15/XX 08:23 AM	rob23, Rob Smith, robby-boy	206-555-1234	...
213	68239873	123973	08/16/XX 09:15 PM	mamba-queen, Sally Jones, Omamba9	-	
215	12398779	023674	08/20/XX 06:23 PM	-	-	
217	12398779	023674	08/20/XX 08:17 PM	-	-	
219	98723987	823982	08/26/XX 09:25 PM	mamba-queen, 123973	-	
221	68239873	987232	08/27/XX 09:31 AM	test-user, Technician 1, test	-	
223	98723987	987232	08/27/XX 09:33 AM	test-user, 987232	-	
	:					

*Figure 2A*

Example Multi-Application Event Type Definition Database Table

230 \	232	234	236	238	
	<b>Event Type Name</b>	<b>Event Type ID</b>	<b>Event Type Parameters</b>	<b>Primary Key Parameter(s)</b>	
231	User Account Creation	68239873	Username, Actual Name, Password, Phone-Number, Date/Time, User ID, Occurrence ID, Source App ID	Occurrence ID	...
233	User Account Deletion	98723987	Username, User ID, Deleted User ID, Date/Time, Source App ID	-	
235	User Login	12398779	User ID, Date/Time, Source App ID	-	
		:			

Example Event Occurrence Database Table

240 \	242	244
	<b>Event Type ID</b>	<b>Parameters</b>
241	68239873	rob23, Rob Smith, robby-boy, 206-555-1234, 08/15/XX 08:23 AM, 023674, 1398728234, 3282
243	68239873	mamba-queen, Sally Jones, 0mamba9, , 08/16/XX 09:15 PM, 123973, 9929821423, 1284
245	12398779	023674, 08/20/XX 06:23 PM, 3282
247	12398779	023674, 08/20/XX 08:17 PM, 1284
249	98723987	mamba-queen, 823982, 123973, 08/26/XX 09:25 PM, 1284
251	68239873	test-user, Technician 1, test, , 08/27/XX 09:31 AM, 987232, 9319841238, 6424
253	98723987	test-user, 987232, 987232, 08/27/XX 09:33 AM,
		:

**Figure 2B**

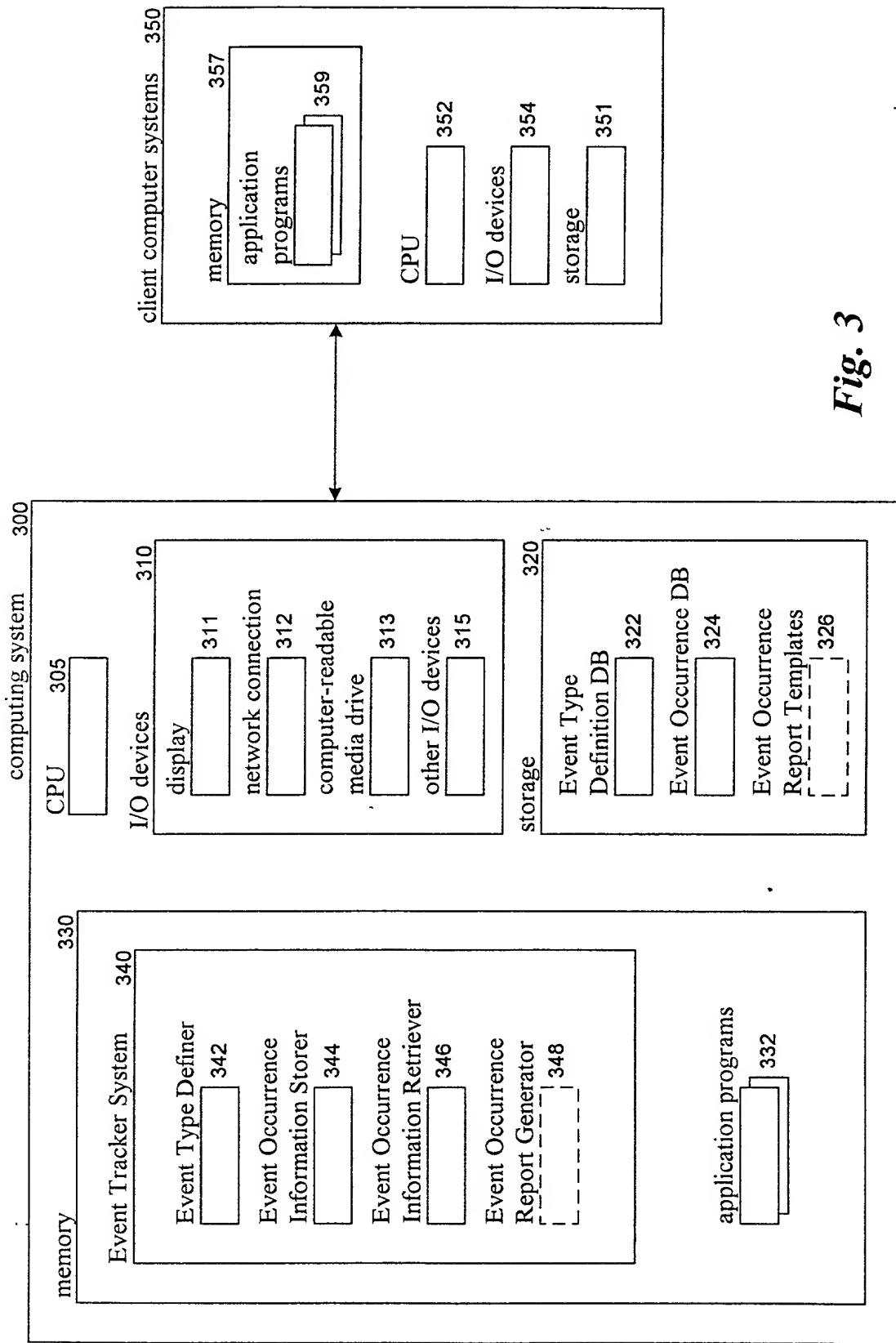
Example Event Type Definition Database Table

260	262	264	266	268	270	272	274	276	278
	Event Type Name	Event Type ID	Integer 1	Integer 2	Integer N	String 1	String 2	String M	Date/Time 1
261	User Account Creation	68239873	User ID	Occurrence ID	-	Username	Actual Name	-	Date/Time
263	User Account Deletion	98723987	User ID	Deleted User ID	-	Username	-	-	Date/Time
265	User Login	12398779	User ID	Source App ID	-	-	-	-	Date/Time
	::								

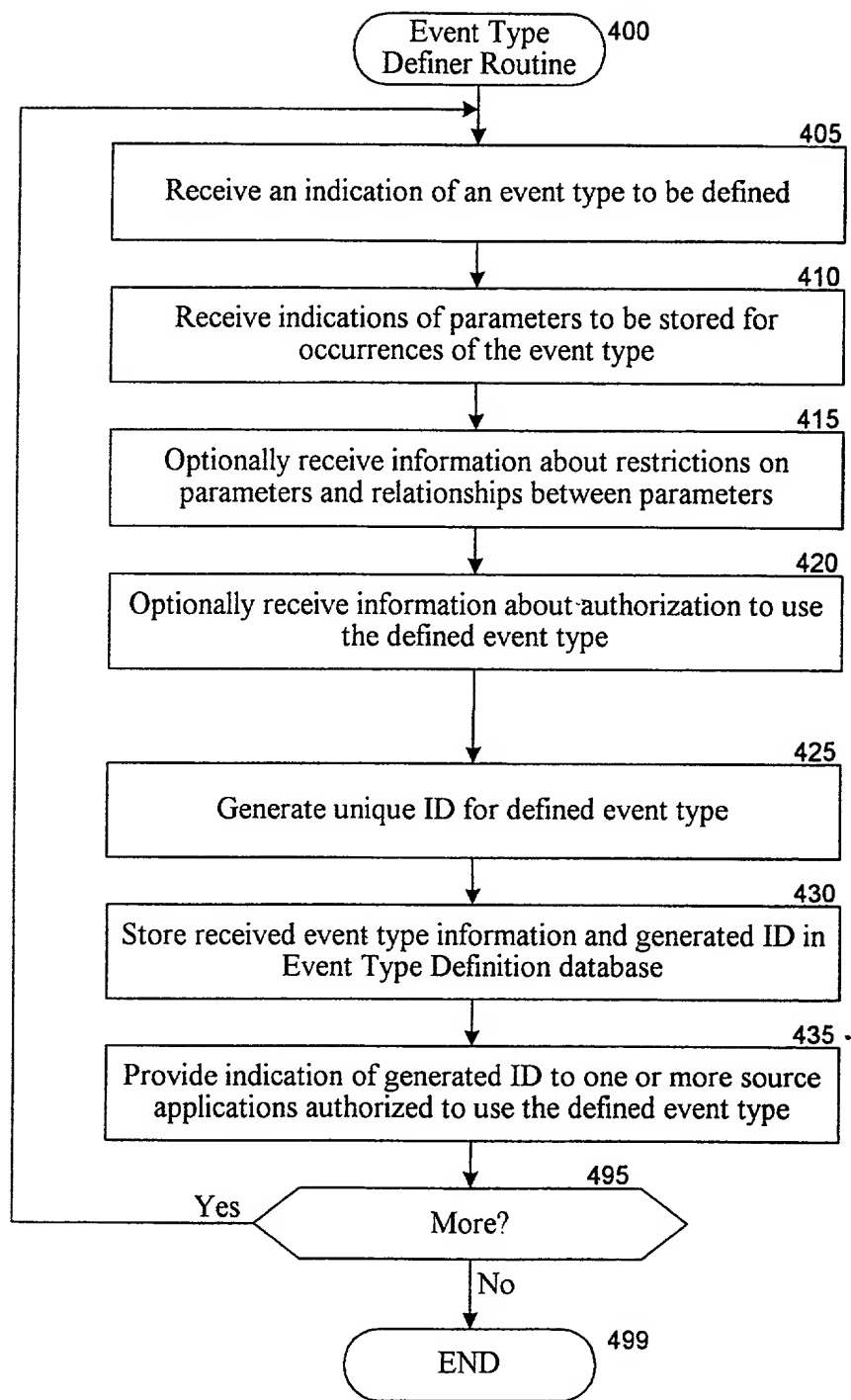
Example Event Occurrence Database Table

280	282	284	286	288	290	292	294	296
	Event Type ID	Integer 1	Integer 2	Integer N	String 1	String 2	String M	Date/Time 1
281	68239873	023674	1398728234	-	rob23	Rob Smith	-	08/15/XX 08:23 AM
283	68239873	123973	9929821423	-	mamba-queen	Sally Jones	-	08/16/XX 09:15 PM
285	12398779	023674	3282	-	-	-	-	08/20/XX 06:23 PM
287	12398779	023674	1284	-	-	-	-	08/20/XX 08:17 PM
289	98723987	823982	123973	-	mamba-queen	-	-	08/26/XX 09:25 PM
291	68239873	987232	9319841238	-	test-user	Technician 1	-	08/27/XX 09:31 AM
293	98723987	987232	987232	-	test-user	-	-	08/27/XX 09:33 AM
	::							

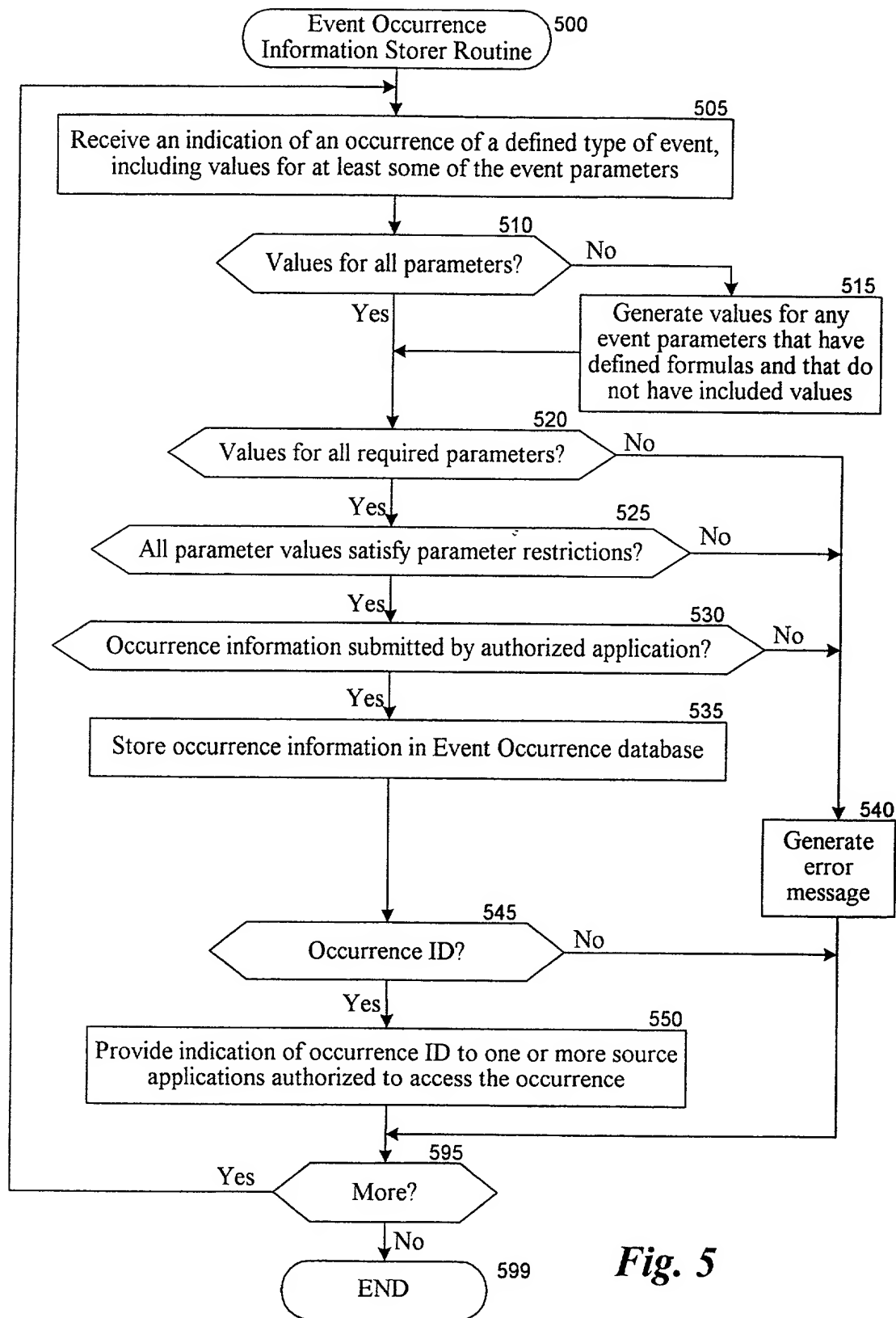
Figure 2C



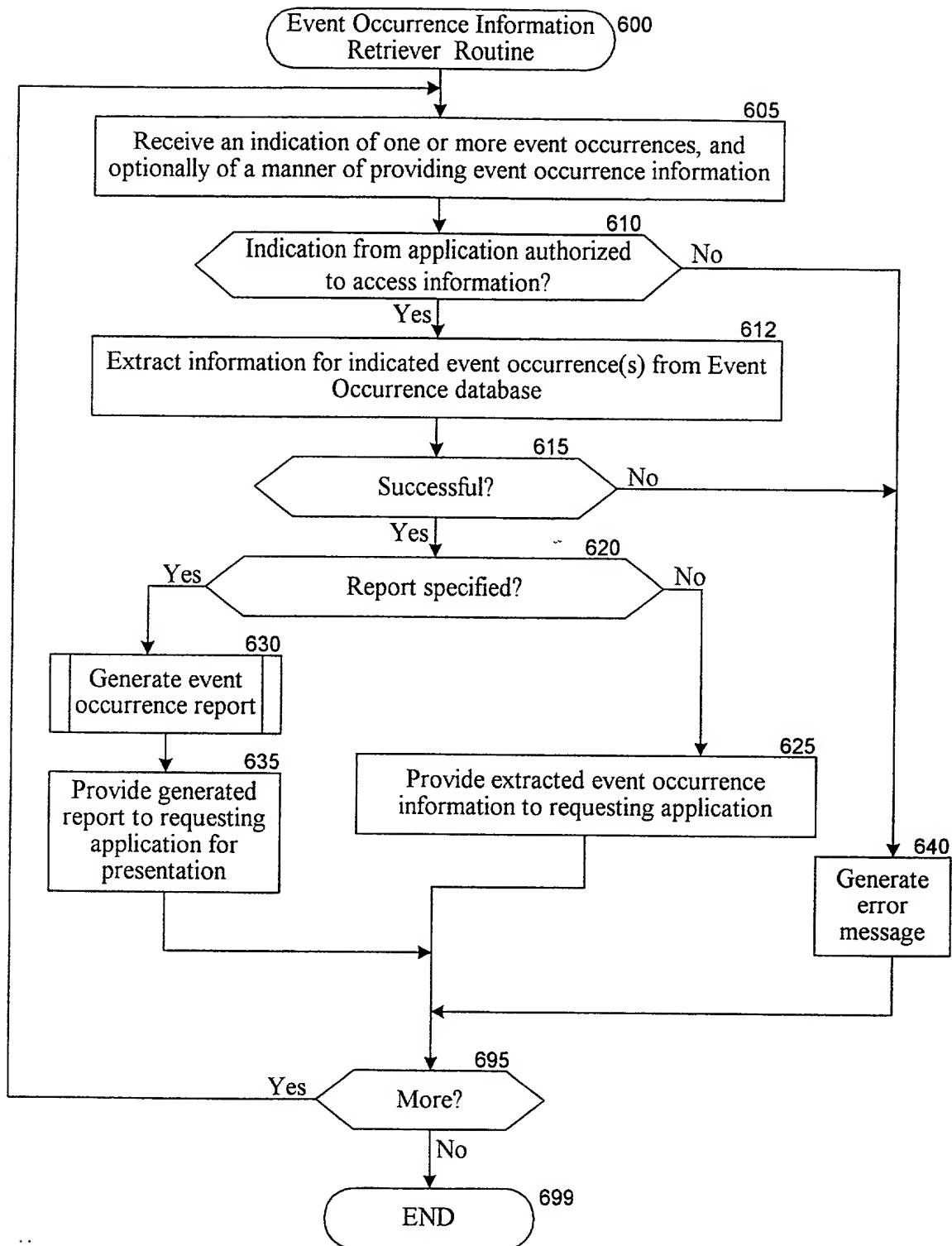
**Fig. 3**



**Fig. 4**

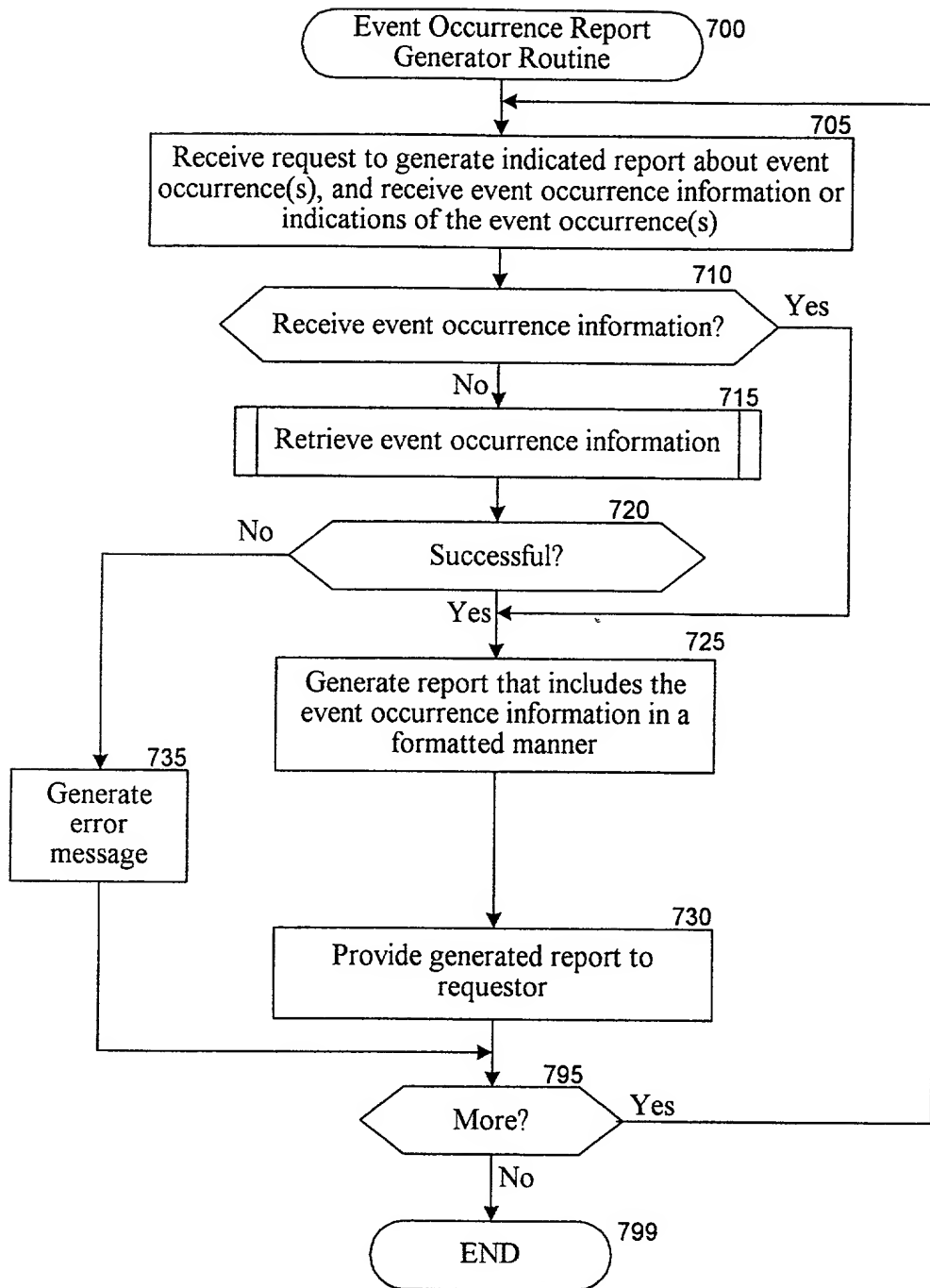


**Fig. 5**



**Fig. 6**





**Fig. 7**